

## 2017 SIC Skills

### Statement

Welcome to the SIC #1 Mine. We have a problem. Last night we had some type of ignition. Our main west panel was mining toward an old mine when we had a spike in the pressure gauge. The mine has been evacuated except for the people working in the main west panel. The source of the ignition has been traced to the main west. There were 10 people on the unit. 6 of the 10 have been accounted for, and are on the surface.

We have a fresh air base set up at the mouth of the unit. It is ventilated by the main exhaust fan. This fan is running and cannot be shut off, as it ventilates the rest of the mine. There is a new fan installed in the unit. It is a blowing fan. This fan is off at the present time. This fan can be turn off and on from the command center. Neither of the fans can be reversed or stalled.

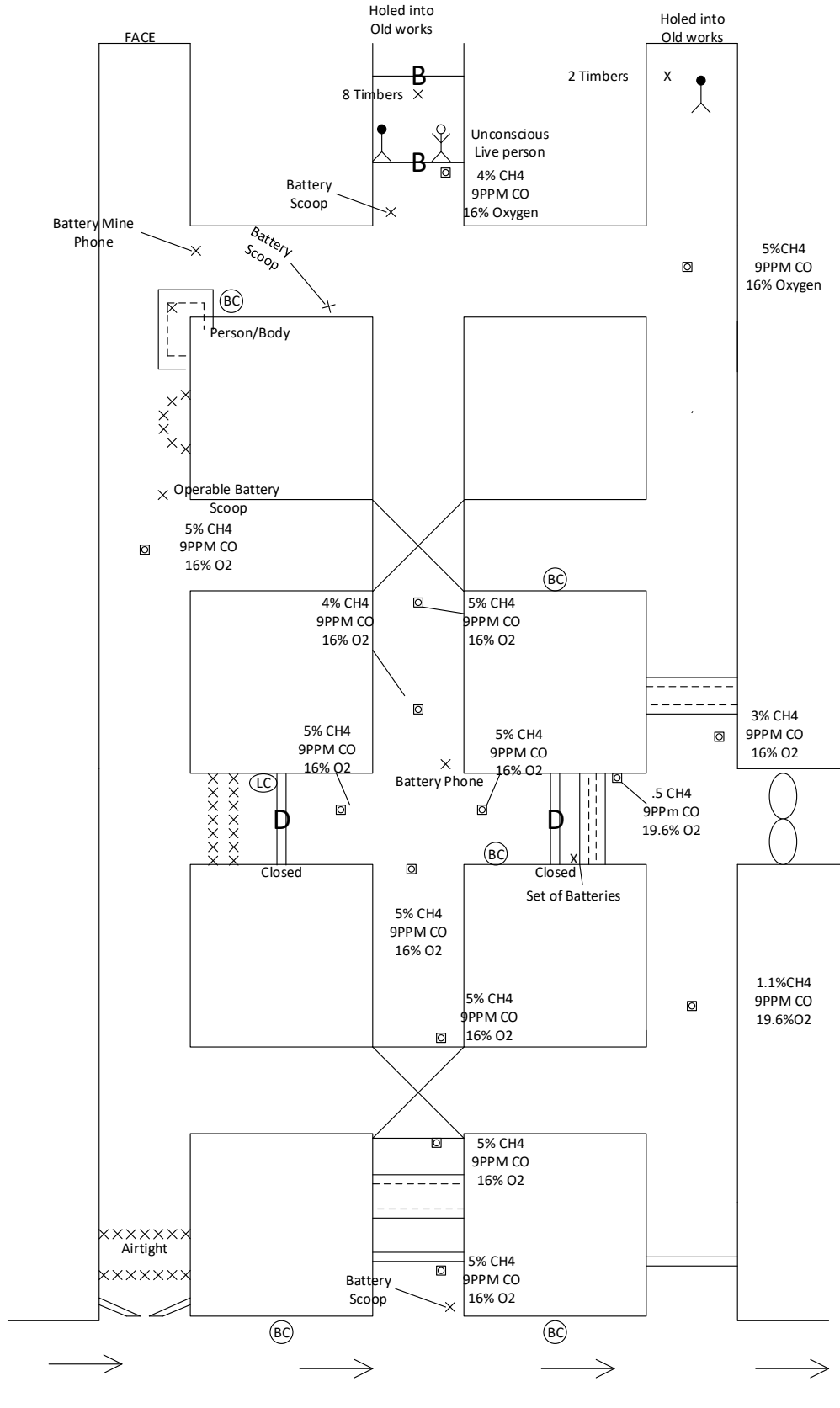
All agencies have been notified, and there is a backup team on the property.. that is all the information I have at the present time.

Account for all missing miners

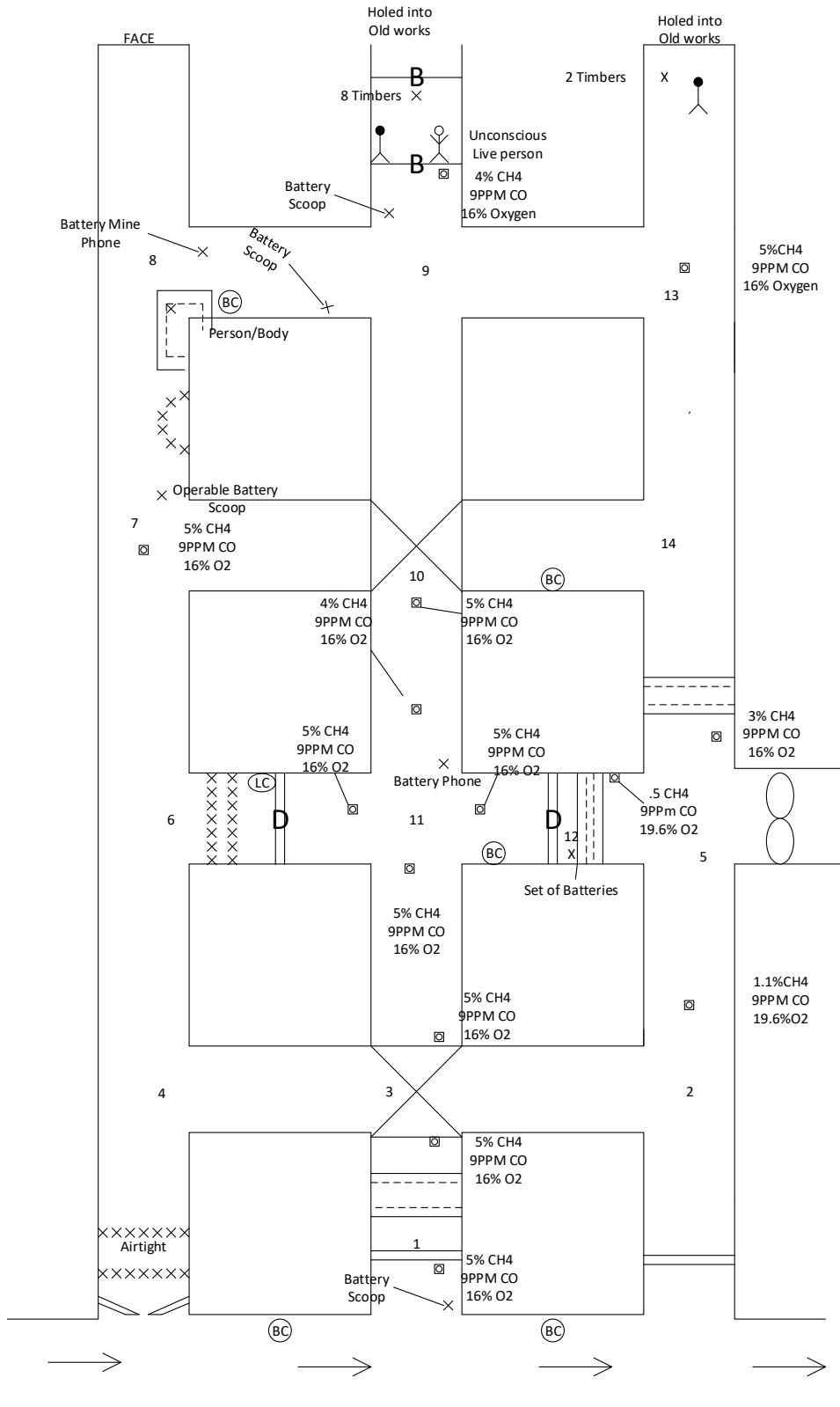
The Blowing fan can be turned on and off by the team

Remove all explosive mixtures before stopping the clock

2017 Mine Rescue Contest

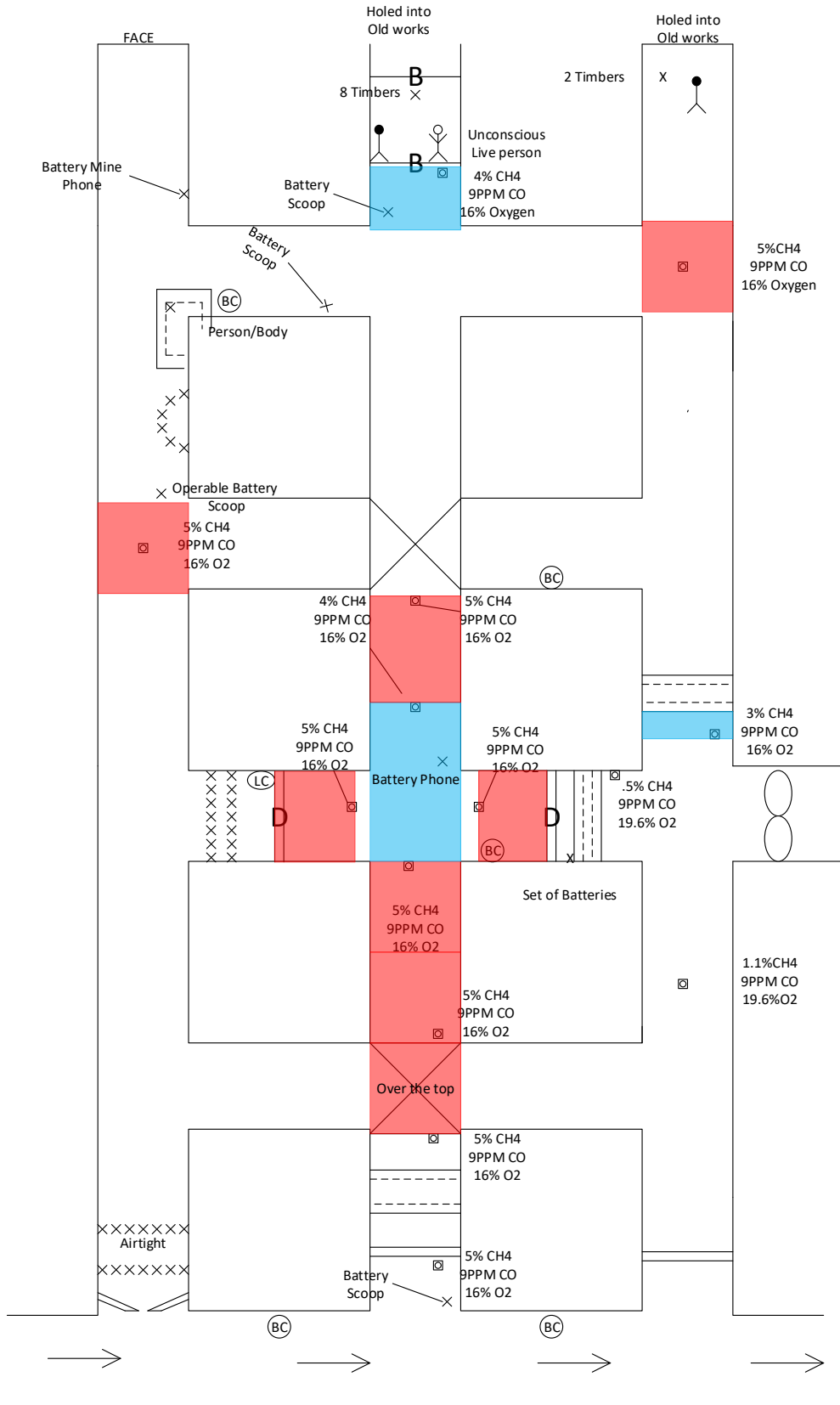


2017 SIC SKILLS Team stops



Team stops may vary depending on where team stop # 1 is located

2017 SIC SKILLS  
Extent of Gas









## Keys to the Problem

- 1) Team stops may vary depending on the location of team stop # 1.**
- 2) Xcut B is an open Xcut and has to be made all the way across before advancing in by.**
- 3) From 1B intersection the next advance has to be up # 3 entry because of the containment.**
- 4) Before the first vent, the battery phone has to be moved.**
- 5) In the first vent the explosive mixtures must be cleared before the barricade is vented**
- 6) Before winging the Stopping in B xcut the phone has to be moved again**
- 7) The gas in # 3 entry going through the unsafe roof is not explosive, and according to the problem does not have to be removed. If The teams decide to clear it, it is not a dock just time.**